



State Revolving Fund Loan Programs

Drinking Water, Wastewater, Nonpoint Source

PRELIMINARY DECISION OF CATEGORICAL EXCLUSION

TO ALL INTERESTED CITIZENS, ORGANIZATIONS AND GOVERNMENT AGENCIES:

CITY OF FORT WAYNE
Pontiac Sewer Separation Project
Preliminary Engineering Report Addendum #1
SRF # WW 09 09 02 04E

Date: July 20, 2011

Pursuant to IC 4-4-11, the State Revolving Fund (SRF) Loan Program has determined that the project described here and in the city's Preliminary Engineering Report Addendum #1 received by the SRF on June 27, 2011 will have no substantial negative environmental impact. Therefore, the SRF is issuing a preliminary decision of Categorical Exclusion from the requirements of substantive environmental review.

How were environmental issues considered?

The National Environmental Policy Act requires agencies disbursing Federal funds to include environmental factors in the decision making process. A summary of the project is attached for your review. The SRF's preliminary review has found that the proposed project does not require the preparation of either an EA or an EIS.

Why is additional environmental review not required?

Our environmental review has concluded that significant environmental impacts will not result from the proposed action.

How do I submit comments?

Comments can be submitted to:

Mr. Max Henschen, Senior Environmental Manager
SRF Programs
317-232-8623; mhensche at ifa.in.gov

CATEGORICAL EXCLUSION

I. PROJECT IDENTIFICATION

Project Name and Address: **Pontiac Street Sewer Separation
Preliminary Engineering Report Addendum # 1**
City of Fort Wayne
One Main Street
Fort Wayne, IN 46802-1804

SRF Project Number: WW09 09 02 04E

Authorized Representative: Kumar Menon
Director of Public Works and Utilities

II. PROJECT LOCATION

The project area is in central Allen County in the Fort Wayne East USGS quadrangle, Adams Township, T30N, R13E, SW ¼ section 8 and the NE ¼ section 18.

III. PROJECT NEED AND PURPOSE

The State Revolving Loan Fund approved the original Pontiac Sewer Separation Project on December 27, 2010 to relieve hydraulic overloading of the combined sewer system that produce surcharges, backups and four or more overflows per year at combined sewer overflow (CSO) 64. After approval, the city decided to change the project by deleting some project areas and adding others. Some areas approved for storm sewer installation (i.e., Evans Street, the intersection of Drexel and Adams, the alley between Trentman and Oxford, and the intersection of Wayne Trace and Oxford) were confirmed by dye testing to already be connected to storm drains and would therefore be eliminated from the project.

That same field investigation revealed two areas that were not connected to storm sewers and were therefore added to the project: (1) on Oxford Street east of Turpie Street and (2) along Redwood Avenue between Schele and McCormick Streets. In addition, the city will also install a large rain garden near the Pontiac Street round-a-bout and install infiltration ditches at both ends of the proposed storm sewer along Redwood Avenue; the garden and ditches will attenuate storm water runoff and will reduce hydraulic overloading to the combined sewer system.

The "No Action" alternative was rejected, since the combined sewer system on Pontiac Street in Subbasin Q06002 would continue to have surcharges, backups and potentially four or more overflows per year at CSO outfall 64.

The alternative to optimally operate the sewer system alternative was rejected, since the city currently operates the system as effectively as possible. However, due to the condition of the combined sewer system, wet weather may still provoke surcharges, backups and overflows.

The city rejected the rehabilitation alternative for the combined sewer system since it would not solve the wet weather problems.

The selected alternative includes the following new project elements (see Figure 1): (1) installation of approximately 4,200 feet of 12, 15, and 24-inch storm sewers along Pontiac Street, a short section of Oxford Street east of Turpie Street, and along Redwood Avenue between McCormick Avenue and a point halfway between Rodgers Avenue and Schele Avenue; (2) installation near the Pontiac Street round-a-bout of a 2,000 square foot rain garden containing native plants (see Figure 2) and (3) installation of infiltration ditches along Redwood Avenue.

The north ditch will divert flows from north to south and will connect to an existing storm sewer south between Schele Ave and Rodgers St. The proposed 15-inch storm sewer located on Redwood Ave. will divert flows from south to north and will connect to the existing sewer between Schele Ave. and Rodgers St. The south infiltration ditch will divert flows from north to south and will connect to an existing storm sewer at Raymond and Redwood avenues. The infiltration ditches will consist of 12-inch perforated pipe, #8 stone, and geoweb matting.

IV. ESTIMATED PROJECT COST AND FUNDING

Selected Plan Estimated Cost Summary

<u>Construction Components</u>	<u>Costs</u>
Mobilization/Demobilization	\$ 37,000
Traffic Control	35,500
Construction Management (e.g., record drawings, video)	1,500
Clearing and Grubbing	5,000
2,385 feet of 24-inch reinforced concrete pipe (RCP)	119,250
489 feet of 15-inch RCP storm sewer	19,560
1,285 feet of 12-inch RCP storm sewer	51,400
30 feet of 8-inch polyvinyl chloride (PVC) sanitary sewer	540
15 feet of 6-inch PVC sanitary sewer	555
845 feet of curbing & guttering replacement	14,365
650 square yards of curb face walk replacement	35,750
100 square yards of sidewalks replacement	4,500
six curb ramps replacement	1,500
320 square yards of driveways replacement	14,400
3,600 cubic yards of granular backfill	79,200
ten 60-inch precast storm manholes	21,500
seven 48-inch precast storm manholes	10,500
51 storm inlets	50,235
Regulator Alteration	2,800
Manhole Connection	3,000
Reconnecting 20 water services	9,400
3,400 square yards of asphalt street replacement	67,400

75 square yards of concrete street replacement	4,725
Erosion Control	5,500
Rain Garden	46,110
Infiltration Ditches	50,875
Site Restoration (fencing, seeding, grading)	10,035
	<u>\$ 702,100</u>
Contingencies	50,000
Total Construction Cost	\$ 752,100
Total Non Construction Costs	\$ 158,100 *
Total Project Cost	\$ 910,200

* includes legal, financing, design engineering, construction engineering, and observation

The city will use funds from SRF loan WW09 09 02 04E, which the city closed on December 23, 2009 to finance this sewer separation project.

V. ENVIRONMENTAL IMPACTS OF THE FEASIBLE ALTERNATIVES

All of the construction will be under pavement or on sites previously disturbed by construction activity. The proposed project will not affect the 100-year floodplain, streams, wetlands, wooded areas, or other sensitive environmental resources and will not convert prime farmland.

The project will not affect structural resources (see figures 3 and 4). Construction and operation of the project will not alter, demolish or remove historic properties. If any visual or audible impacts to historic properties occur, they will be temporary and will not alter the characteristics that qualify such properties for inclusion in or eligibility for the National Register of Historic Places. The SRF's finding pursuant to the Section 106 of the National Historic Preservation Act is: "no historic properties affected."

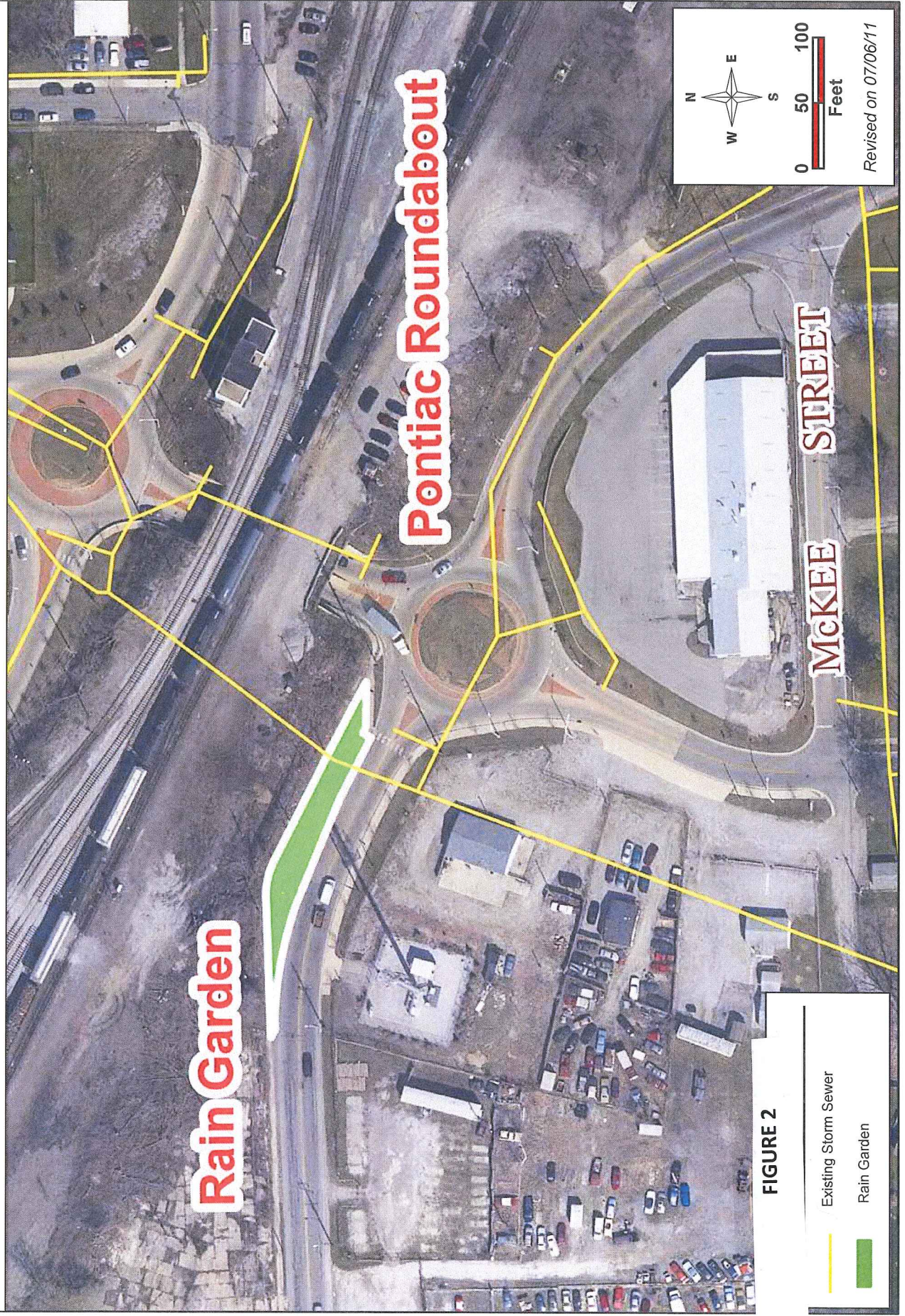
VI. PUBLIC PARTICIPATION

The city notified interested parties via a public notice in the Fort Wayne Journal-Gazette newspaper on July 18, 2011, describing the proposed additions to the project.

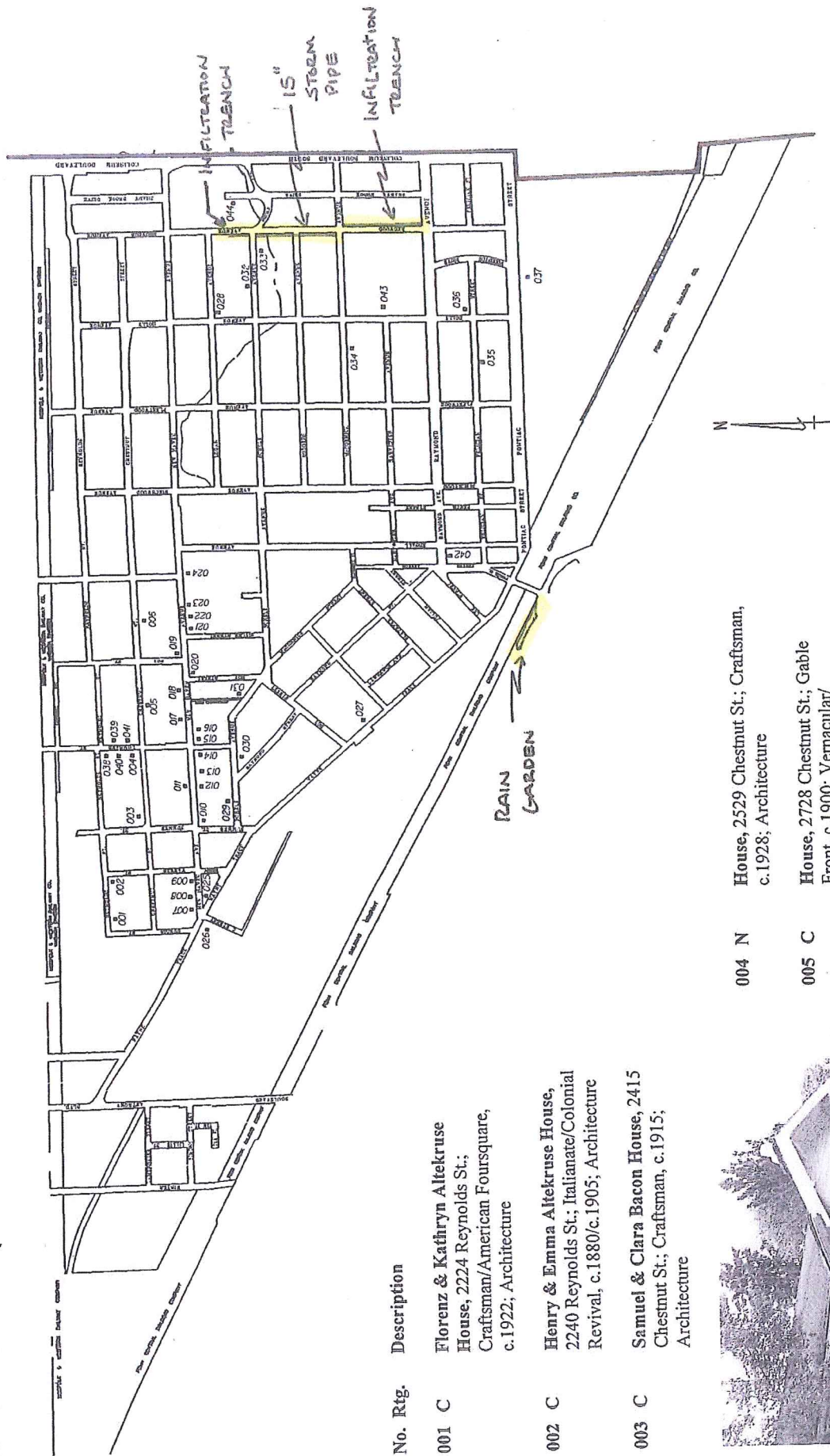
PONTIAC STREET SEWER SEPARATION



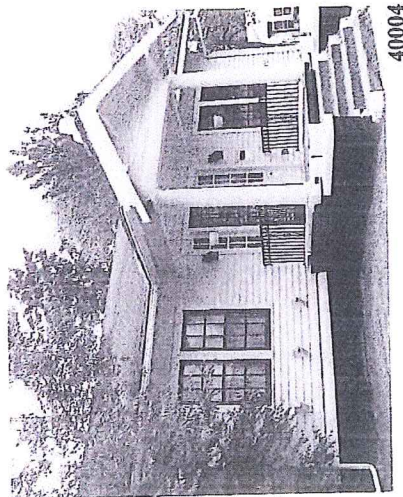
PONTIAC STREET SEWER SEPARATION



Sector 40 (003-214-40001/40044)



No.	Rtg.	Description
001	C	Florenz & Kathryn Altekruze House, 2224 Reynolds St.; Craftsman/American Foursquare, c.1922; Architecture
002	C	Henry & Emma Altekruze House, 2240 Reynolds St.; Italianate/Colonial Revival, c.1880/c.1905; Architecture
003	C	Samuel & Clara Bacon House, 2415 Chestnut St.; Craftsman, c.1915; Architecture



004	N	House, 2529 Chestnut St.; Craftsman, c.1928; Architecture	008	C	Wm. S. & Amanda Sams House, 2239 New Haven Ave.; Free Classic/Craftsman, c.1905/c.1915; Architecture
005	C	House, 2728 Chestnut St.; Gable Front, c.1900; Vernacular/Construction			
006	C	House, 2816 Chestnut St.; Colonial Revival, c.1930; Architecture			
007	C	Wm. M. & Mariella Sams House, 2233 New Haven Ave.; Pyramidal Roof cottage/Colonial Revival, c.1910; Vernacular/Construction			

FIGURE 3: from Fort Wayne Interim Report
Indiana Historic Sites and Structures Inventory

Sector 46 (003-214-46001/46082)



No.	Rtg.	Description	
001	C	House, 1814 E. Pontiac Blvd.; Colonial Revival, c.1918; Architecture	005 C House, 1922 E. Pontiac Blvd.; American Foursquare, c.1910; Architecture
002	N	House, 1824 E. Pontiac Blvd.; Colonial Revival/American Foursquare, c.1900; Architecture	006 C Walter & Esther Klebe House (The Crescent), 2002 E. Pontiac Blvd.; Colonial Revival, c.1925 (Sears, Roebuck and Co., Chicago, IL); Architecture, Commerce, Social History
003	N	James & Lulu Wyatt House, 1902 E. Pontiac Blvd.; Craftsman, c.1915; Architecture	007 C House, 2104 E. Pontiac Blvd.; Craftsman Bungalow, c.1910; Architecture
004	C	House, 1910 E. Pontiac Blvd.; American Foursquare, c.1905; Architecture	008 C House, 2418 Manford St.; Gable-front, c.1900; Architecture
			009 C House, 2424 Manford St.; American Foursquare, c.1910; Architecture

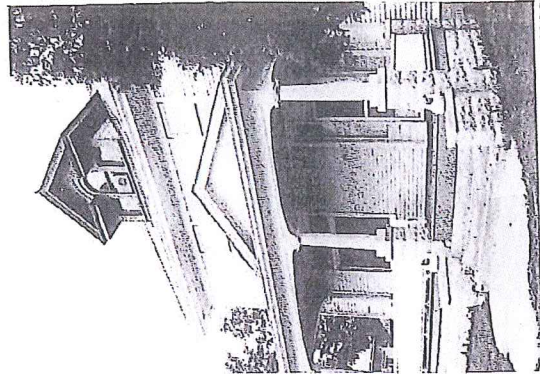


FIGURE 4: from Fort Wayne Interim Report
Indiana Historic Sites and Structures Inventory